

Construction of 3D image of H α flares

Z.Q.Qu, X.Y.Zhang, Y.C.Jiang, and T.Luan

*Yunnan Astronomical Observatory, Chinese Academy of Sciences,
Kunming 650011, P.R.China*

The construction of 3D image and its evolution of H α flares is carried out using the serial centered and off-centered filtergrams of H α flares in help of the newly developing line formation depth theory by us. Some of the physical parameters like the velocity field are inferred from the image evolution. The potentiality of this method is discussed.